

DRAYTON MONITORING DATA

To the 31st May 2016



DRAYTON MONITORING REPORT MAY 2016

- Drayton Mine (Drayton) is part of Anglo American's business. This report has been compiled to present monthly environmental monitoring data for Drayton. Results are reported in accordance with reporting requirements for Environment Protection Licence (EPL) 1323 held by the licensee Anglo Coal (Drayton Management) Pty Limited. This report complies with Section 66(6) of the *Protection of the Environment Operations Act 1997*.

COMPLAINTS SUMMARY

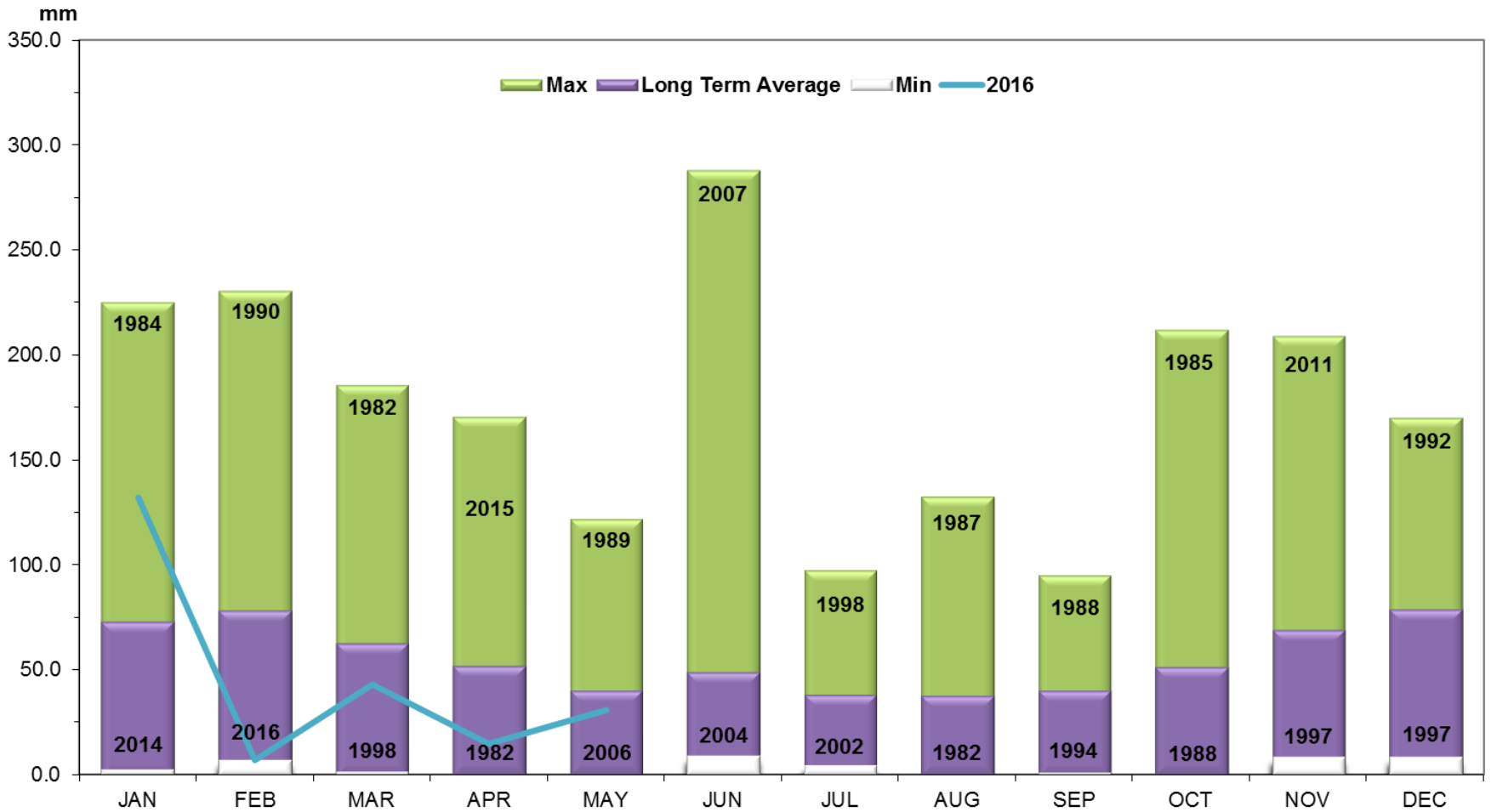
May 2016

No complaints were received during May 2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 22/06/2016

RAINFALL

Rainfall Pattern and History (1981 - 2016)



AIR QUALITY MONITORING POINT 1 (EPL 1323)

Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit
May-16	2197	2.7	3.6	4	g/m2/month
May-16	2230	2.0	2.0	4	g/m2/month
May-16	2157	2.8	2.1	4	g/m2/month
May-16	2208	2.0	1.3	4	g/m2/month
May-16	2247	2.1	1.7	4	g/m2/month
May-16	2235	1.9	1.8	4	g/m2/month
May-16	2175	2.2	1.7	4	g/m2/month
May-16	2130	2.0	2.0	4	g/m2/month

Number of samples	8
Minimum	1.9
Mean	2.2
Maximum	2.8

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 30/05/2016
Date Obtained: 8/06/2016
Date Published: 22/06/2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Monthly

AIR QUALITY MONITORING POINT 2 (EPL 1323)

Total Suspended Particulates (Lot 22 Antiene) – High Volume Air Sampler (HVAS)

Date	Sample	TSP	Annual Mean	Annual Mean Limit	Unit
05-May-16	Lot 22	23	49	90	µg/m ³
11-May-16	Lot 22	39	49	90	µg/m ³
17-May-16	Lot 22	38	49	90	µg/m ³
23-May-16	Lot 22	86	50	90	µg/m ³
29-May-16	Lot 22	26	50	90	µg/m ³

Number of samples	5
Minimum	23
Mean	42
Maximum	86

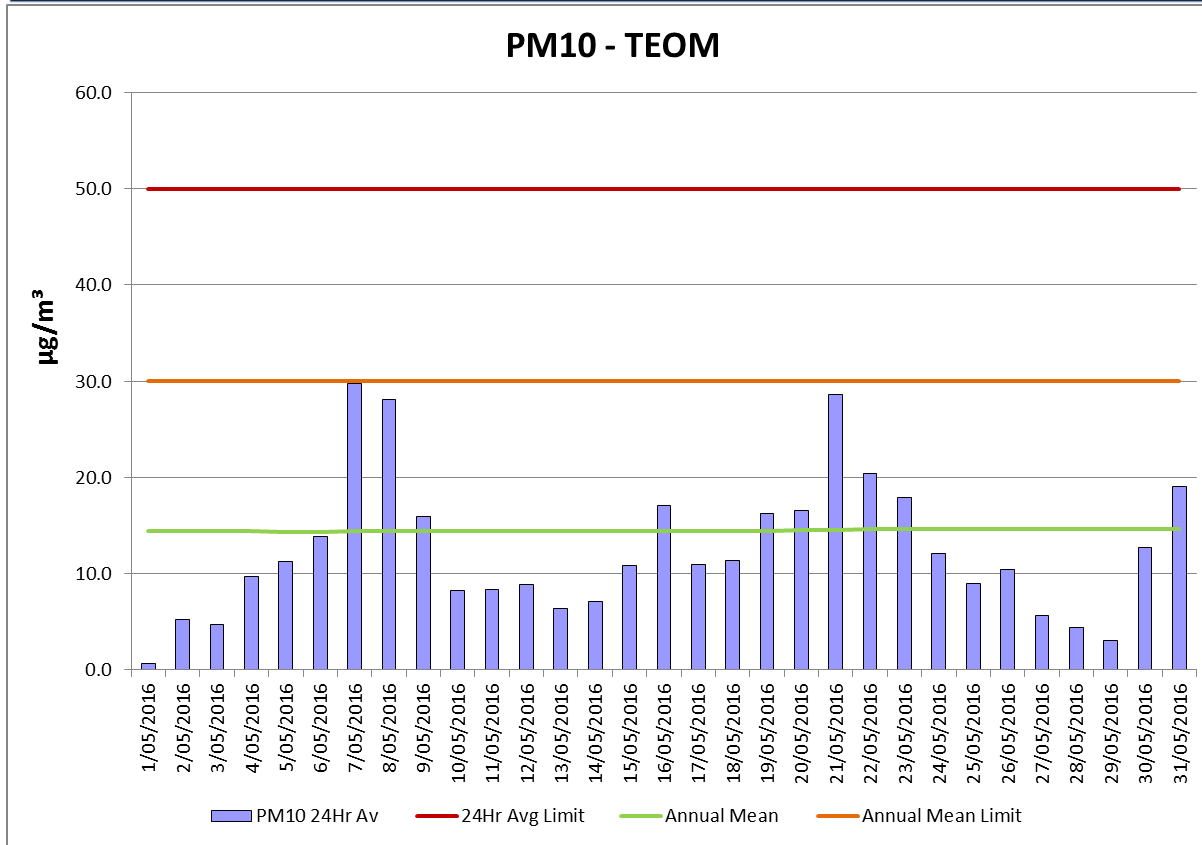
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 8/06/2016
Date Published: 22/06/2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Every 6 days

AIR QUALITY MONITORING POINT 4 (EPL 1323)

PM10 (Lot 9 ANTIENE) – Tapered Element Oscillating Microbalance (TEOM)



Number of samples	31
Minimum	0.6
Mean	12.4
Maximum	29.8

Date Sampled: Daily average
Date Published: 22/06/2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Continuous

PM10: Particulate matter less than 10 microns diameter

BLASTING SUMMARY

Blast overpressure (noise) and vibration

		SHARMAN		ANTIENE		DE BOER	
		Overpressure	Vibration	Overpressure	Vibration	Overpressure	Vibration
Date	Time	dB(L)	mm/sec	dB(L)	mm/sec	dB(L)	mm/sec
6/05/2016	10:12 AM	94.0	0.32	100.0	1.26	97.0	0.56
12/05/2016	10:06 AM	99.4	0.22	99.0	0.83	95.5	0.47
13/05/2016	1:03 PM	88.7	0.05	92.6	0.05	94.1	0.07
17/05/2016	2:04 PM	94.0	0.06	96.4	0.04	99.8	0.06
20/05/2016	10:11 AM	87.4	0.25	94.1	1.19	92.9	0.44
20/05/2016	10:11 AM	87.4	0.25	94.1	1.19	92.9	0.44
26/05/2016	10:45 AM	95.5	0.13	98.3	1.28	95.1	0.30

Maximum	99.4	0.32	100.0	1.28	99.8	0.56
Minimum	87.4	0.05	92.6	0.04	92.9	0.06
Limit 95%	115	5	115	5	115	5
Limit 100%	120	10	120	10	120	10
Exceedance	0	0	0	0	0	0

Date Sampled: As listed above
 Date Obtained: Monthly summary
 Date Published: 22/06/2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
 EPL 1323
 Monitoring Frequency: Event

THANK YOU